

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1        1. (Currently amended) A method for facilitating a purchase of a memory upgrade for a computer system, comprising:
  - 3            obtaining memory configuration information for the computer system;
  - 4            obtaining memory specification information for a memory upgrade option by accessing information from the Internet;
  - 6            determining a plurality of memory upgrade options that will work in the computer system based upon the memory configuration information and the memory specification information;
  - 9            presenting the plurality of memory upgrade options to a user;
  - 10          allowing a-thc user of the computer system to explore the plurality of memory upgrade options and select a memory upgrade option;
  - 12          presenting an option to purchase the memory upgrade option to the user of the computer system; and
  - 14          in response to the user indicating if the user indicates that the user would like to purchase the memory upgrade option, automatically initiating a purchase transaction for the memory upgrade option by:
    - 17            wherein automatically initiating the purchase transaction involves automatically initiating the purchase transaction through a website that facilitates purchasing the memory upgrade option by automatically navigating to a web page within the web site that deals with purchasing memory modules; and

22               wherein the memory configuration information is  
23               automatically sent sending to the website the memory  
24               configuration information by the computer system without  
25               intervention by the user so that the user does not have to reenter the  
26               memory configuration information.

1               2 (Canceled).

1               3. (Previously presented) The method of claim 1, further comprising  
2               automatically transferring at least part of the memory configuration information to  
3               the web site so that the user does not have to reenter details of the memory  
4               configuration information into the web site.

1               4. (Original) The method of claim 1, wherein obtaining the memory  
2               configuration information involves reading serial presence detect information  
3               from a non-volatile storage device within a memory module in the computer  
4               system.

1               5. (Original) The method of claim 1, wherein determining the memory  
2               upgrade option involves:  
3               identifying a plurality of memory upgrade options that will work in the  
4               computer system based upon the memory configuration information; and  
5               allowing the user to select the memory upgrade option from the plurality  
6               of memory upgrade options.

1               6. (Original) The method of claim 1, wherein obtaining the memory  
2               configuration information involves obtaining at least one of:  
3               an amount of memory installed in the computer system;

4           a maximum amount of memory that can be installed in the computer  
5        system;  
6           a number of memory module sockets that are available to accept memory  
7        modules in the computer system; and  
8           an operating speed for memory in the computer system.

1           7. (Original) The method of claim 1, wherein prior to obtaining the  
2        memory configuration information, the method further comprises receiving a  
3        command from the user to initiate a memory upgrade for the computer system.

1           8. (Currently amended) A computer-readable storage medium storing  
2        instructions that when executed by a computer cause the computer to perform a  
3        method for facilitating a purchase of a memory upgrade for a computer system,  
4        the method comprising:  
5           obtaining memory configuration information for the computer system;  
6           obtaining memory specification information for a memory upgrade option  
7        by accessing information from the Internet;  
8           determining a plurality of memory upgrade options that will work in the  
9        computer system based upon the memory configuration information and the  
10      memory specification information;  
11           presenting the plurality of memory upgrade options to a user;  
12           allowing a the user of the computer system to explore the plurality of  
13      memory upgrade options and select a memory upgrade option;  
14           presenting an option to purchase the memory upgrade option to the user of  
15      the computer system; and  
16           in response to the user indicating if the user indicates that the user would  
17      like to purchase the memory upgrade option, automatically initiating a purchase  
18      transaction for the memory upgrade option by:

19                   wherein automatically initiating the purchase transaction  
20                   involves automatically initiating the purchase transaction through a  
21                   website that facilitates purchasing the memory upgrade option by  
22                   automatically navigating to a web page within the web site that  
23                   deals with purchasing memory modules; and

24                   ~~wherein the memory configuration information is~~  
25                   automatically sent ~~sending~~ to the website ~~the memory~~  
26                   ~~configuration information by the computer system without~~  
27                   intervention by the user so that the user does not have to reenter the  
28                   memory configuration information.

1                   9 (Canceled).

1                   10. (Previously presented) The computer-readable storage medium of  
2                   claim 8, wherein the method further comprises automatically transferring at least  
3                   part of the memory configuration information to the web site so that the user does  
4                   not have to reenter details of the memory configuration information into the web  
5                   site.

1                   11. (Original) The computer-readable storage medium of claim 8, wherein  
2                   obtaining the memory configuration information involves reading serial presence  
3                   detect information from a non-volatile storage device within a memory module in  
4                   the computer system.

1                   12. (Original) The computer-readable storage medium of claim 8, wherein  
2                   determining the memory upgrade option involves:  
3                   identifying a plurality of memory upgrade options that will work in the  
4                   computer system based upon the memory configuration information; and

5       allowing the user to select the memory upgrade option from the plurality  
6       of memory upgrade options.

1           13. (Original) The computer-readable storage medium of claim 8, wherein  
2       obtaining the memory configuration information involves obtaining at least one  
3       of:

4           an amount of memory installed in the computer system;  
5           a maximum amount of memory that can be installed in the computer  
6       system;  
7           a number of memory module sockets that are available to accept memory  
8       modules in the computer system; and  
9           an operating speed for memory in the computer system.

1           14. (Original) The computer-readable storage medium of claim 8, wherein  
2       prior to obtaining the memory configuration information, the method further  
3       comprises receiving a command from the user to initiate a memory upgrade for  
4       the computer system.

1           15. (Currently amended) An apparatus that facilitates a purchase of a  
2       memory upgrade for a computer system, comprising:  
3           a configuration lookup mechanism that is configured to obtain memory  
4       configuration information for the computer system;  
5           a configuration lookup mechanism that is configured to obtain memory  
6       specification information for a memory upgrade option by accessing information  
7       from the Internet;  
8           a determining mechanism that is configured to determine a plurality of  
9       memory upgrade options that will work in the computer system based upon the  
10      memory configuration information and the memory specification information;

11       a presentation mechanism configured to present the plurality of memory  
12       upgrade options to a user;  
13        an exploring mechanism configured to allow ~~a~~the user to explore the  
14        plurality of memory upgrade options and select a memory upgrade option; and  
15        a purchasing mechanism that is configured to present an option to  
16        purchase the memory upgrade option to the user of the computer system;  
17        the purchasing mechanism that is further configured to wherein if the user  
18        indicates that the user would like to purchase the memory upgrade option, the  
19        purchasing mechanism is configured to automatically initiateing a purchase  
20        transaction for the memory upgrade option in response to the user indicating that  
21        the user would like to purchase the memory upgrade option;  
22        wherein the purchasing mechanism that is further configured to  
23        automatically initiate the purchase transaction through a website that facilitates  
24        purchasing the memory upgrade option by automatically navigating to a web page  
25        within the web site that deals with purchasing memory modules; and  
26        wherein the purchasing mechanism that is further configured to  
27        automatically send the memory configuration information is automatically sent to  
28        the website by the computer system without intervention by the user so that the  
29        user does not have to reenter the memory configuration information.

1           16 (Canceled).

1        17. (Previously presented) The apparatus of claim 15, wherein the  
2        purchasing mechanism is configured to automatically transfer at least part of the  
3        memory configuration information to the web site so that the user does not have to  
4        reenter details of the memory configuration information into the web site.

1        18. (Original) The apparatus of claim 15, wherein the configuration lookup  
2 mechanism is configured to read serial presence detect information from a non-  
3 volatile storage device within a memory module in the computer system.

1        19. (Original) The apparatus of claim 15, wherein the determining  
2 mechanism is configured to:

3              identify a plurality of memory upgrade options that will work in the  
4 computer system based upon the memory configuration information; and to  
5              allow the user to select the memory upgrade option from the plurality of  
6 memory upgrade options.

1        20. (Original) The apparatus of claim 15, wherein the configuration lookup  
2 mechanism is configured to obtain at least one of:

3              an amount of memory installed in the computer system;  
4              a maximum amount of memory that can be installed in the computer  
5 system;  
6              a number of memory module sockets that are available to accept memory  
7 modules in the computer system; and  
8              an operating speed for memory in the computer system.

1        21. (Original) The apparatus of claim 15, wherein the apparatus is  
2 configured to operate upon receiving a command from the user to initiate a  
3 memory upgrade for the computer system.